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4. The method of claim 1 further comprising the step of:
 (E) sending said first and second positional measurements
 to a switching center of said cellular system;
 wherein said step (D) is performed within said switching
 center of said cellular system.
5. The method of claim 1 further comprising the step of:
 (F) sending said first and second positional measurements
 to said base station;
 wherein said step (D) is performed within said base
 station.
6. The method of claim 1, wherein said first, second and
 third relative reception times respectively represent a first
 clock synchronization setting associated with said receiving
 of said first signal at said mobile station, a second clock
 synchronization setting associated with said receiving of

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said second signal at said mobile station, and a third clock
 synchronization setting associated with said receiving of
 said third signal at said mobile station.

7. The method of claim 6, wherein said first positional
 measurement represents a first difference between said first
 clock synchronization setting and said second clock syn-
 chronization setting, and wherein said second positional
 measurement represents a second difference between said
 first clock synchronization setting and said third clock
 synchronization setting.

8. The method of claim 1, wherein said cellular telephone
 system is a time division multiple access cellular telephone
 system.

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